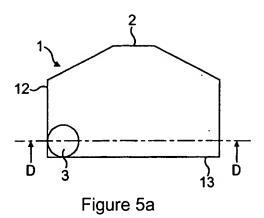
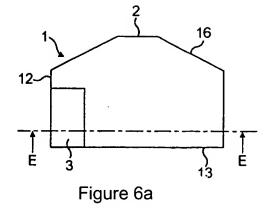
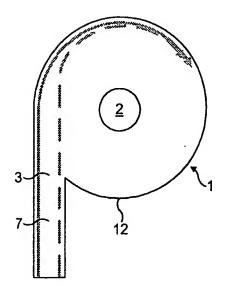


FIG. 4









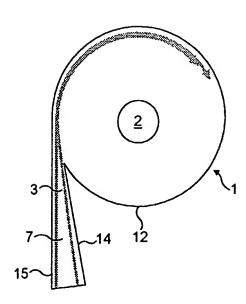
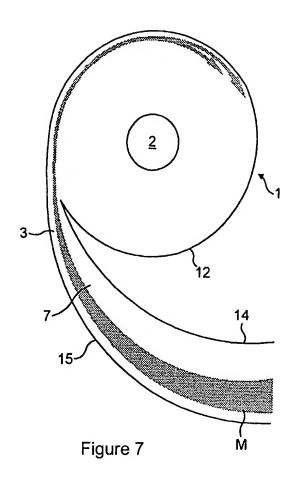


Figure 6b



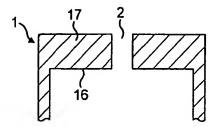


Figure 8

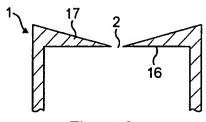
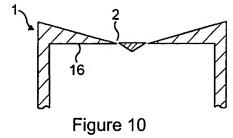


Figure 9



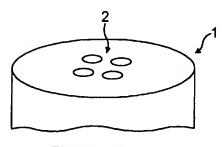
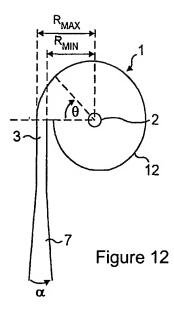
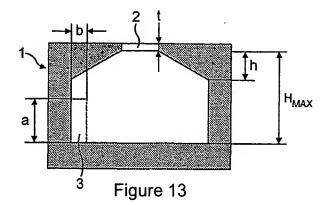


Figure 11





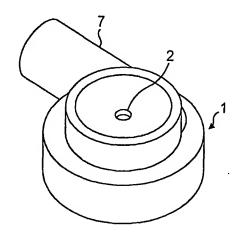
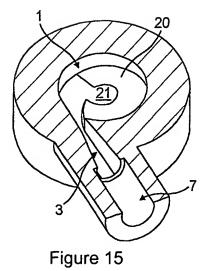


Figure 14



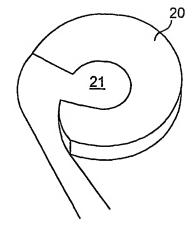


Figure 16

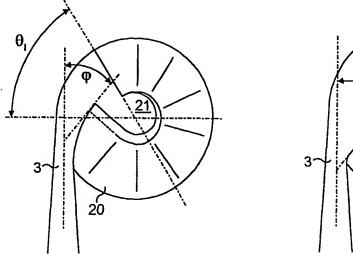


Figure 17

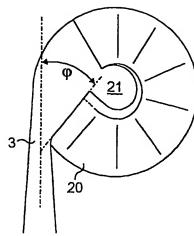


Figure 18

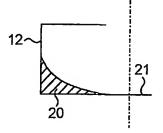


Figure 19

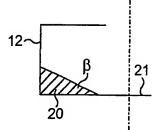


Figure 20

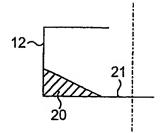
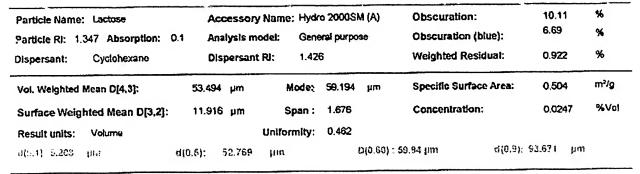


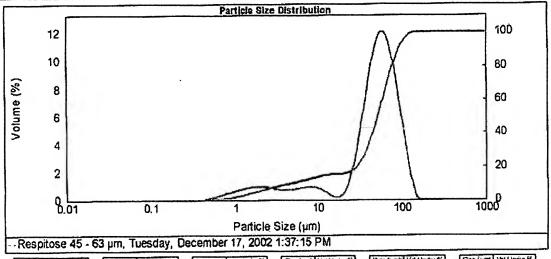
Figure 21



R sult Analysis Report

Sample Name: Respitose 45 - 63 µm





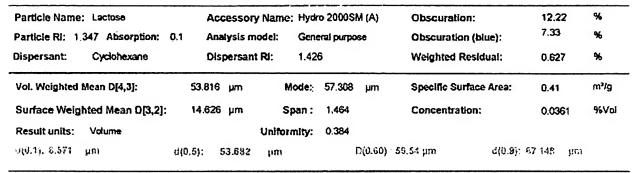
Sections	Vol Under %	Sizerius	Vol Under %	Sizetum	Voi Under %	Sizefum	Ver Under %	926 (pm	Vol Under %	Size (µm)	Val Under %
0.010		010		1098	188	11.482	14.27	120 236	98.02	1258,925	10200
0.011	000	012		1.250	2.52	13 163	947ti	136,033	93.69	1445,440	100.00
0013	1 1	013		1 445	323	15 136	15.03	198,489	100.00	1950.587	10000
0015	1	015	000	1.580	402	17 378	15.19	181.970	100.00	1905 481	10000
0.0:7	1 1	0.18		1,905	484	19.963	1537	208500	10300	2187 782	100.00
0000	1 1	020		2 189	557	22,909	1503	239.883	10000	2511,896	10000
0023		0.24	000	2513	648	25 303	1732	2/5423	100.00	3994 332	10000
0.026	1 1	0.27	5 000	2864	724	30 200	2004	316,226	10000	3311 311	100.00
0.030	1 1	0.31	s 0.00	3311	783	34.574	2454	363.078	12000	3901.804	100,00
0035	1 1	035	3 0.00	3,802	8.57	39.81	31.07	416 839	100.00	4395 158	100,00
0.040	cco	041	7 0.00	4.365	9.0	45,709	39.55	473 630	100.00	5011 872	100.00
0016	020	247	9 0.03	5012	9.62	52.481	49.58	5/25/1	100 00	5754,339	10000
000	0.00	05	6 009	5754	10.49	50.75	60.42	630957	100:00	6906.934	100:00
0.000	1 I	0.53	1 025	6607	11.22	59.183	71.13	724 436	100:00	7586,775	100,00
0000		072	4 C53	7.506	1201	79.423	18,081	631.784	10000	&F03,636	100.00
0.079	1 1	083	•	8710	1282	VI 201	8671	\$51,923	100,00	10000000	10000
0.021		090	6 1.34	10000	1360	104 713	94.47	1096.478	100.00		



R sult Analysis Report

Sample Name:

Respitose SV003 45 - 63 µm



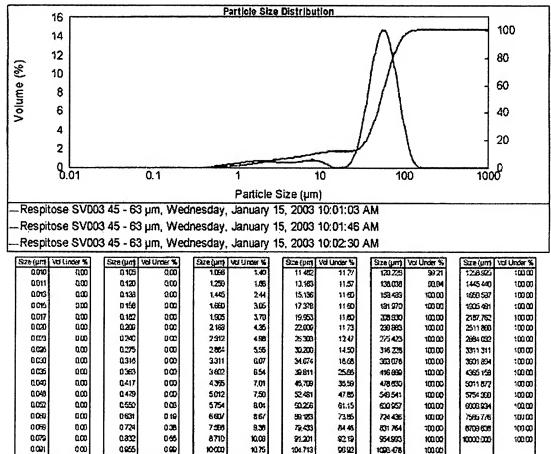
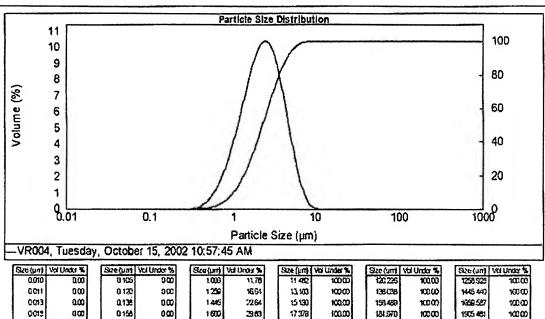


Figure 22(b)



Result Analysis Report

Particle Name: VR004 Particle 3.000 Absorption: (Dispersant: Cyclohexane	0.05 Ar	cessoi alysis i spersa		eral purpo	• •	Obscuration: Obscuration (blue): Weighted Residual:	15.83 15.22 0.752	% % %
Vol. Weighted Mean D[4,3]:	2.587	μm	Mode:	2.468	μm	Specific Surface Area:	3.19	m²/g
Surface Weighted Mean D[3,2]:	1.880	μm	Span:	1.539		Concentration:	0.0038	%Vol
Result units: Volume			Uniformity:	0.479				
d(0.1): 1.033 µm	d(0.5):	2.290	μm		(0.60):	2.65 µm d(0.9):	4.557 (m	1

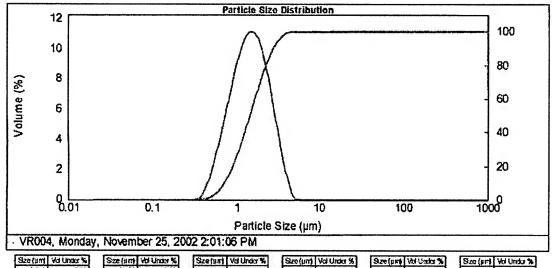


- 1	GRE (hu)	Vor Under 16		5326 (Jun)	Vol Under 18	Sza (um)	Wat Unday %		Sesse (hu)	Voi Under %		Size (um	Vol Under %	Size (un)	rei nuga a	1
-	0.010	0.00		0103	300	1.000	11,78		11 482	10000	l	120 226	100,00	1258,925	100:00	1
	GCH	000		0 120	900	1250	16.61		12,103	100,00		136036	100.00	1445 440	100:00	١
	0013	0.00		0.136	0.00	1 445	2264		15 130	100.00		158 489	10000)	1059.527	100:00	ı
1	0015	000		0.158	000	1600	3963		17378	100.00		184.570	100,00	1505 451	100:00	ı
	0.017	000		0.182	000	1.905	37.90		19 953	10000		208,930	100:00	2187 752	10300	ı
	0.000	0.00		0 200	0,00	2,186	4395		22909	10000		239863	10000	2511,896	100:00	ı
	0,023	000		0240	0.00	2512	5529		26303	#20.00		275.023	10000	2034 032	100:00	l
	0.038	000	ŀ	0275	0.00	2,854	65.57		30.200	100 00	l	\$15 228	10000	3311 371	12000	ı
- 1	0.030	0.00	l	Q.318	0.00	3311	7429		34.874	700 00		363 9/8	100.00	3001.694	100.00	l
	೦೧೮	000		0.363	000	3.802	82:00		30.511	100.00		418.899	10000	4366158	10000	l
	0.040	0,00		0.417	0.08	4.365	55.34		45,709	10000		478 030	100.00	5011 872	10000	l
	GD46	000	ŀ	0.479	933	5012	93.15	i	52,461	10000		549541	100.00	5754.300	100.00	ı
	0.023	0.00		0550	005	5754	96.46		60.256	100.00		530.957	100 001	#526 934	100 00	ı
1	0.080	000		००अ	1.73	6,607	98,48		59.183	10000		724436	100.00	7585 776	-0300	ı
ı	0.000	0.00	1	0724	311	7.590	99.52		79,433	10000		831.764	100.00	ಊರು	100.00	ı
١	0.076	000		0832	518	8710	90,90		91,201	100,00		9234,9833	10000	100000000	10000	
- [0.091	0.00		0955	7.90	10,000	10000	1	101.713	100.00		1025 475	10300			l
٠			•					•		·			······································		·	•



Result Analysis Report

Particle Name: VR004 Particle RI: 3.000 Absorption: Dispersant: Cyclohexane	0.06 An	cessoi alysis r spersar		eral purpos	•	Obscuration: Obscuration (blue) Weighted Residua	•	10.59 12.66 0.774	% % %
Vol. Weighted Mean D[4,3]:	1.623	μm	Mode;	1.517	hw	Specific Surface Ar	rea:	4.75	m³/g
Surface Weighted Mean D[3,2]:	1.263	μm	Span:	1.406		Concentration:		0.0016	%Vol
Result units: Volume			Uniformity:	0.436					
o(0.1): 6.727 µm;	d(0.5).	1,453	hu	c)(0.50) : '	1.67 µm d	1(0 9) 2	.776 µm	



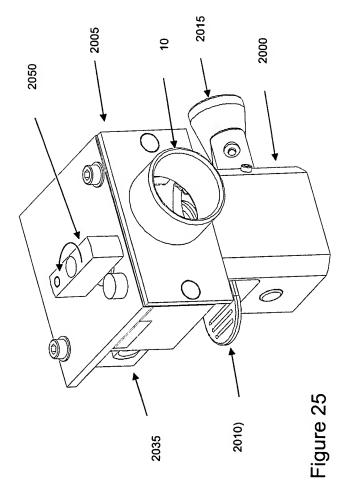
						,					·····							
[3	ize (um)	Voi Under %]	Size (arr)	Vol Under %)	Szejuni	Val Under %]	Size (µm)	Val Under %	1	Sze(pri	Vol Under %	1	Sza (pri	Vol Undu %	1
Г	00:0	coo	}	G 105	0.00	1	1098	3053		11.432	10000		120 226	100:00		1258 805	10000	1
	0011	ÇCO		0170	000		125	3977		13 183	100 00		136038	10000		1445.440	100:00	1
	0.013	6.00	1	0.136	0.00		1.46	49 60		15 135	10000		158,480	100.00		1659.557	10000	1
	00:5	000		0 156	0.00		1,000	50.67		17.378	100.00		151 970	10000		1905.451	10000	
	0017	0.00		0182	000		1906	69 33		19903	10000		206.930	10000		2187.752	10000	1
	0.020	0.00		0.309	0,00		2185	78 16		72,909	1200 000		739 583	100,00		2511 886	10000	1
	೦೦೦	0.00	•	0240	0.00		2.512	85.98		20.303	100 00		275.423	10000		2884.030	10000	1
	0.025	0.00	l	0.275	0.00		2894	91.51		30 300	10000		315.228	100.00		'3311.311	10000	ı
	0.030	0.00		0,316	0,00		7322	9073		34 874	120000		3530/8	10000		3901 894	10000	
	രോട	రియ		0.363	0.00		3.802	9832		30,811	12000		415 889	10000		4085,158	10000	
- 1	0.010	000		0.417	0.23		4.305	98.55		6700	12000		478.030	100.00		5011.672	100.00	1
	0048	000	1	0479	1 10		500	999/		52 431	100.00		549541	10000		5754 350	100:00	1
- 1	0025	020		9560	2.67		5,754	10000		60 256	100 00		630,967	:0000		6606 934	10000	1
- 1	0.080	6:00	1	0.631	5.74		6.607	100,00		89.183	100.00		724,433	100.00		7505.779	100.00	ı
Į	C039	200		0.724	9.88		7.566	10000	ı	79 633	100.00	ŀ	831.764	:00:00		8702.53S	10000	ı
-	00.5	000		0832	1546		870	100:00		91 201	100 00		954 950	10000		1000000	10000	ı
I	0.09%	σω		8,565	22.37		10,000	100.00		104 713	100 00		1096,478	10000				ı

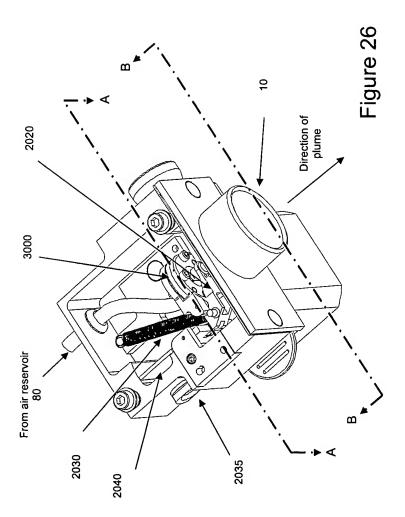
Operator notes: Lebbook 273-053

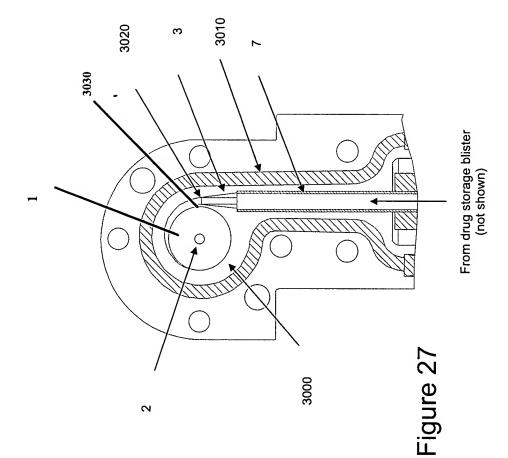
Figure 23(b)

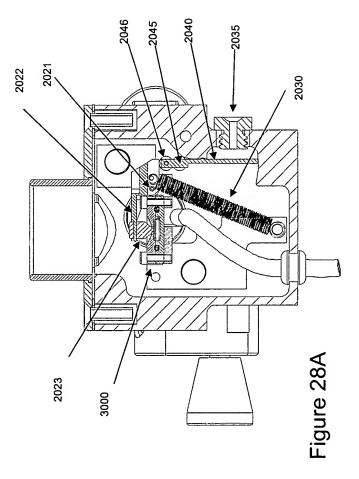
Figure 24

Stability Condition	Formulation	Assay - Initial	Rel subs (highest Indiv peak%) - Initial	Rel subs (sum of rel peaks)-Initial
Initial	Batch1 Batch2 Batch3 Batch4	ND ND 101 101	0.03 0.04 0.03 0.04	0.7 0.10 0.07 0.09
25 °C/60% RH	Formulation Batch I Batch 2 Batch 3	Assay - 1 month 99 99 99	Rel subs (highest Indiv peak%) - 1 month 0.04 0.06 0.05 0.05	Rel subs (sum of rel peaks) - month 0.10 0.20 0.20 0.14
40 °C/75% RH	Formulation Batch I Batch 2 Batch 3 Batch 4	Assay - 1 month 98 100 99 98	Rel subs (highest Indiv peak%) - 1 month 0.04 0.08 0.04	Rel subs (sum of rel peaks) - month 0.14 0.20 0.14 0.28









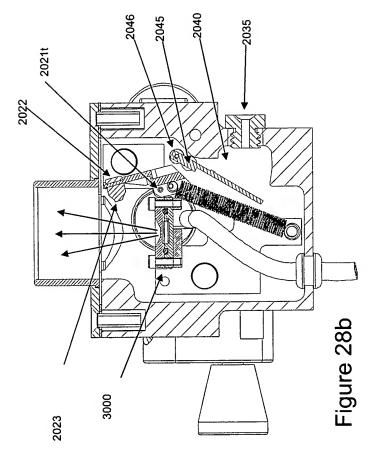


Figure 29A

Formulation Details	Ü	iformily of (DC	Uniformily of Delivered Dose 6000 (DUSA, n=10)	Dose 6000			Ē	e Particle Po	erformance (<5 MSLI (ACI)	(<5 μm Ct	Fine Particle Performance (<5 µm Cut-Off) 7000 MSLI (ACI)			
2000	Drug Retention 6010	ntion	6015 DD	6020 Metered	6025 Mass Balance	7005 n=	Drug Retention 7010	etention J	7015 DD	7020 FPD	7025 FPF	7030 Metered	7035 Mass Balance	7036 Test Flow Rate
	Blister (μg) 6012	Device (µg) 6013	(Вп)	(g d)	<u> </u>		Blister (µg) 6012	Device (μg) 6013	(g _H)	ક્રિ ન)	?			
100 µg 45 - 63 µm Inversina	7.2	4.3	84	95	93	3 (1)	7.7 (7.5)	7.5 (7.2)	85 (76)	56 (52)	99 (68)	(91)	95 (88)	95 (95)
100 µg 5 - 63 µm Air Jet Inversina	7.3	3.6	88	95	92	£	4.4	5.7	82	55	99	92	68	95
100 µg 45-63 µm Grindomix			Not Done			3	6.9	8.6	78	39	50	93	94	95
100 µg 30 - 63 µm Air Jet Grindomix		Ž	Not Done			3	5.4	6.3	98	40	47	26	96	95
100 µg 45 - 63 µm Air Jet Grindomix		Ž	Not Done			3	4.2	9.4	83	52	62	76	92	95
200 µg UF020100MGA 45 - 63 µm Air Jet Inversina	10.0	5.3	188	203	96	(2)	(7.8)	(14.5)	(175)	(122)	(70)	(191)	(94)	09

Figure 29B

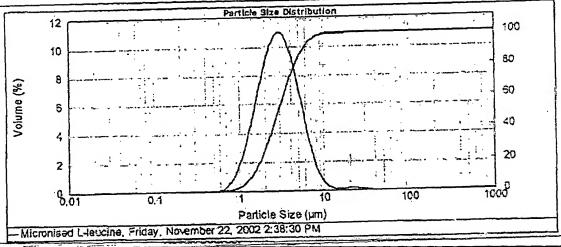
Formulation Details 5000	Unifor	rmily of Deliver (DUSA, n=11)	Uniformily of Delivered Dose 6000 (DUSA, n=11)	0009			Fine Pa	rticle Perform	Fine Particle Performance (<5 μm Cut-Off) 7000 MSLI(n=2)	tut-Off) 70	00		
•	Drug Retention 6010	antion	Delivered Dose 6015	Jose	Metered Dose	Mass Balance	Drug Retention 7010	tention	Delivered Dose	Fine Particle	icle	Metred (µg)	Mass Balance (%)
	Blister (µg) 6012	Device (µg) 6013	(μg) 6016	% nominal 6017	(g _H)	(%)	Blister (µg) 6012	Device (µg) 7013	нв 7015	FPD (μg) 7020	FPF (%) 7505	7030	7035
100 µg 45 - 63 µm Inversina	9.9	7.8	81	81	95	95	8.8	5.6	82	52	64	96	96
200 µg 45 - 63 µm t Inversina	12.1	11.5	0/1	85	194	93	8.6	13.3	175	118	29	198	96
200 µg 45-63 µm Inversina	9.2	12.7	162	85	184	93	6.5	15.2	170	901	62	192	96
200 µg 45 - 63 µm Inversina	0.11	11.2	171	85	193	95	10.7	14.1	172	117	89	961	96

Test Flow Rate = $60 L \text{ Min}^{-1}$

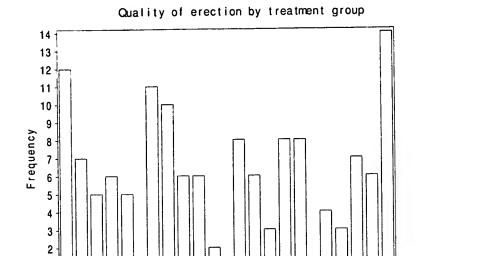
Sample Name: Micronised L-leucine

Sample Source: Micromechazzione Sample batch number: MM0001

Particle Name: Leucine Particle 1.345 Absorption: 1 Dispersant Cyclohexane	1.5 An	spersar		eral purpo		Obscuration: Obscuration (blue): Weighted Residual	:	7.95 1.23 1.422	% % %
Vol. Weighted Mean D[4,3]:	3,406	um	Mode:	2.953	μm	Specific Surface Are	ea:	2.33	កា។ថ្ង
Surface Weighted Mean D[3,2]:			Span:	1.487		Concentration:	1	0.0025	%Vol
Result units: Volume d(0.1): 1.442 µm	d(0.5):	2.905	Uniformity: µm)(0.60) :	3.34 µm d(0.9): 5.7 <u>(</u>	55 µm	



-	4		. ,,,,,			 		_									
_	Size (µm)	Vol Under %		Size (µm)	Voi Under %	Size (µm)	Vol Under %		Size (µm)	Vol Under %		Size (µm)	Vol Under %		Size (µm)	Vol Under %	ĺ
	0.010	0.00		0.105	0.00	1.096	3.33		11.482	99.23		120.226	100.00		1258.925	100.00	ĺ
	0.011	0.00		0,120	0.00	1.259	6.09		13.183	99.38		138.038	100.00	i	1445.440	100.00	ĺ
	0.013	0.00		0.138	0.00	1.445	10.07		15.136	99.46		158.489	100.00		1659.587	100.00	l
1	0.015	0.00	'	0.158	0.00	1.660	15.46		17.378	99.54		181.970	100.00		1905.461	100.00	
1	0.017	0.00	. 1	0.182	0.00	1.905	22.25		19.953	99.64		208.930	100.00		2187.762	100.00	1
	0.020	0.00	i	0.209	0.00	2188	30.41		22.909	99,76		239.883	100.00		2511.886	100.00	(
	0.023	0.00		0.240	0.00	2512	39.62		26.303	99,87		275.423	100.00	i	2884.032	100.00	l
	0.026	0.00		0.275	0.00	2884	49.45		30.200	99.96		316.228	100.00	i	3311.311	100.00	
	0.030	0,00		0.316	0.00	3.311	59.38		34.674	100.00	ŀ	363.078	100.00		3801.894	100.00	İ
	0.035	0.00		0.363	0.00	3.802	68.85		39.811	100.00		416.869	100.00		4365.158	100.00	١
	0.040	0.00		0.417	0.00	4.365	77.31		45.709	100.00		478.630	100.00		5011.872	100,00	
	0.046	0.00		0.479	0.00	5.012	84.41		52,481	100.00		549.541	100.00		5754.399	100.00	
	0.052	0.00		0.550	0.00	5.754	89.94		60.256	100.00		630.957	100,00		6606,934	100.00	
	0.060	0.00		0.631	0.00	6.607	93.92		69.183	100.00		724.436	100,00		7585,776	100.00	
	0.089	0.00	'	0.724	0.12	7.586	96.53		79.433	100,00	Ì	831.764	100.00		8709.636	100.00	
	0.079	0.00	'	0.832	0.61	8.710	98.07		91.201	100.00		954,993	100.00		10000.000	100.00	
- 1	0.091	0.00		0.955	1.59	10.000	98,88		104.713	100.00		1096.478	100.00				



0 1 2 3 4

400ug

2 3

800ug

Score

Dose

0: No effect 1: Some tumescence 2: Some rigidity 3: Adequate for penetration 4: Complete erection Program efficacy. sas Output: I_score.cgm

0 1 2 3 4

200ug

0 1 2 3 4

Placebo

1 0

Figure 31

Response Rate by Treatment Group

Figure 32

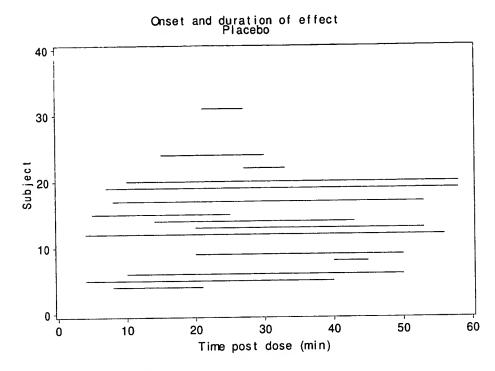


Figure 33

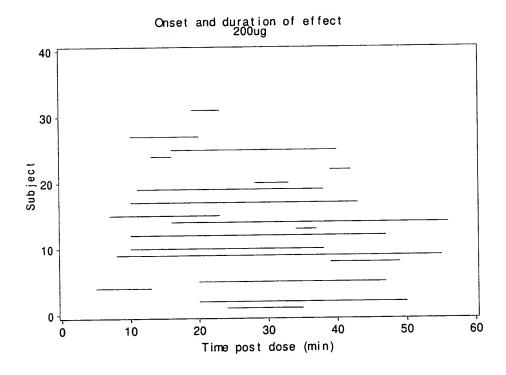


Figure 34

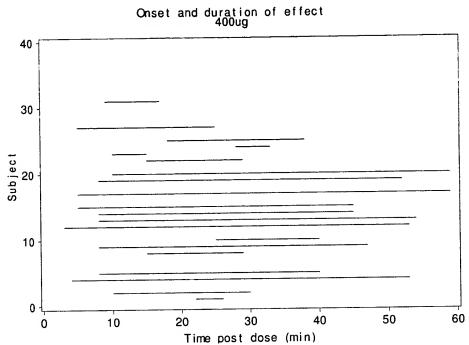


Figure 35
Onset and duration of effect 800ug

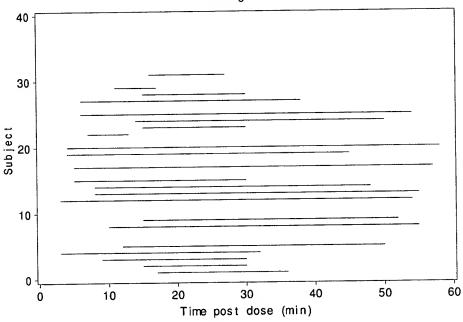


Figure 36

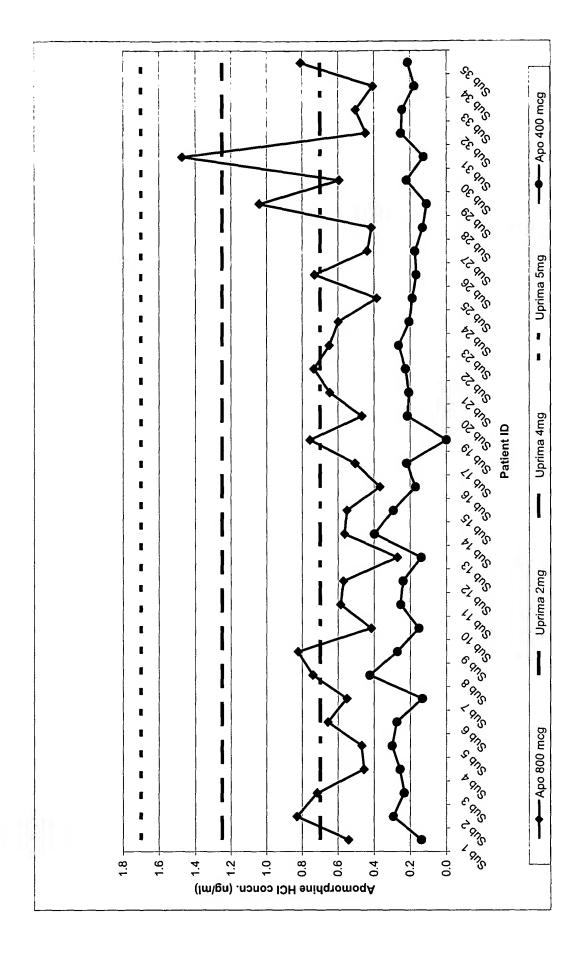
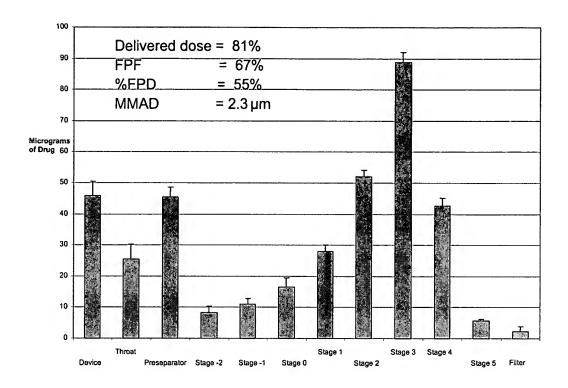


Figure 38



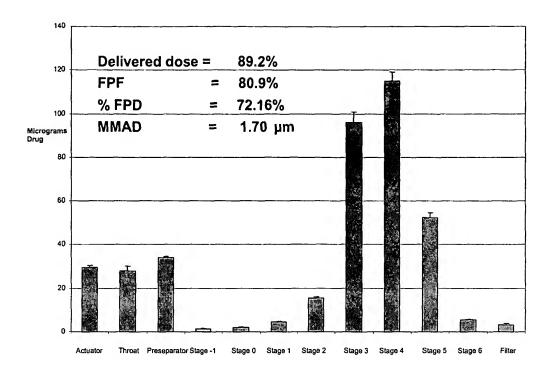


Figure 39